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File: DWPI

Aug 21, 1998

DERWENT-ACC-NO: 1998-511267
DERWENT-WEEK: 199846
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TITLE: Storage system using magnetic disk for computer - transfers backed up data which is updated and stored in second memory medium to third memory medium when amount of updated data exceeds constant rate using first and second memory controllers

PATENT-ASSIGNEE: HITACHI LTD (HITA)

PRIORITY-DATA: 1997JP-0024795 (February 7, 1997)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> JP 10222312 A	August 21, 1998		008	G06F003/06

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 10222312A	February 7, 1997	1997JP-0024795	

INT-CL (IPC): [G06 F 3/06](#); [G06 F 12/16](#)

ABSTRACTED-PUB-NO: JP 10222312A

BASIC-ABSTRACT:

The system includes a first memory controller which processes write-in or read-out instruction of the data from a higher order apparatus such as a host computer (3). A second memory controller controls several recording media. The data is forwarded from the first memory controller to the second memory controller through a data path. A portion or all of the data acquired by the first memory controller by processing, are stored as backup data in a first memory medium controlled by the first memory controller.

When, an updating demand is received from the computer, the data stored in the first memory medium are updated by the first memory controller. The updated data are recorded in a second memory medium, when a write-in demand is received from the higher order apparatus, by the control of the second memory controller. When the amount of updated data exceeds a constant rate, the first memory controller starts backup of the copy of a portion or all of the updated data to a third memory medium.

ADVANTAGE - Reduces burden of higher order apparatus for improving data storage reliability. Performs continuous backup of data to recover data efficiently even

during failure.

ABSTRACTED-PUB-NO: JP 10222312A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/5

DERWENT-CLASS: T01 T03

EPI-CODES: T01-C01A; T01-H01C4; T03-A08A; T03-A10; T03-N01;

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